Application No. 10/521,454 Docket No.: 0230-0222PUS1

## AMENDMENTS TO THE SEQUENCE LISTING

## IN THE SEQUENCE LISTING

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.

## SEQUENCE LISTING

```
<110> Ichiro HIRAO et al.
<120> NUCLEOSIDES OR NUCLEOTIDES HAVING NOVEL UNNATURAL BASES AND USE THEREOF
<130> 0230-0222PUS1
<140> US 10/521,454
<141> 2005-01-14
<150> JP 2002-208568
<151> 2002-07-17
<160> 14
<170> patentin 3.3
<210> 1
<211> 100
<212> RNA
<213> Artificial sequence
<220>
<223> RNA aptamer
<400> 1
gggaguggag gaauucaucg aggcauaugu cgacuccguc uuccuucaaa ccaguuauaa 60
auugguuuua gcauaugccu uagcgacagc aagcuucugc
<210> 2
<211> 39
<212> DNA
<213> Artificial sequence
<220>
<223> Designed primer for PCR
<400> 2
ggtaatacga ctcactatag ggagtggagg aattcatcg
                                                39
<210> 3
<211> 29
<212> DNA
<213> Artificial sequence
<220>
<223> Designed primer for PCR
<400> 3
gcagaagctt gctgtcgcta aggcatatg
                                                29
<210> 4
<211> 29
```

```
<212> DNA
<213> Artificial sequence
<220>
<223> Designed primer for PCR
<220>
<221> misc feature
<222>
      (17)..(17)
<223> n means 2-amino-6-(2-thienyl)-purine-9-yl
<400> 4
gcagaagctt gctgtcncta aggcatatg
                                                29
<210> 5
<211> 29
<212> DNA
<213> Artificial sequence
<220>
<223> Designed primer for PCR
<220>
<221> misc_feature
<222> (14)..(14)
<223> n means 2-amino-6-(2-thienyl)-purine-9-yl
                                                29
gcagaagctt gctntcgcta aggcatatg
<210> 6
<211> 29
<212> DNA
<213> Artificial sequence
<220>
<223> Designed primer for PCR
<220>
<221> misc feature
<222> (9)..(9)
<223> n means 2-amino-6-(2-thienyl)-purine-9-yl
<400> 6
                                                29
gcagaagcnt gctgtcgcta aggcatatg
<210> 7
<211> 29
<212> DNA
<213> Artificial sequence
<220>
<223> Designed primer for PCR
```

```
<220>
<221> misc_feature
<222>
      (17)..(17)
<223> n means 2-amino-6-(2-thienyl)-purine-9-yl
<400>
                                                 29
gcagaagent gctgtcncta aggcatatg
<210>
      8
<211>
      35
<212>
       DNA
<213> Artificial sequence
<220>
<223> Synthesized template strand for transcription
<220>
<221> misc_feature
<222>
      (29)..(29)
<223> n means 2-amino-6-(2-thienyl)-purine-9-yl
<400> 8
tattatgctg agtgatatcc ctccttctnt ctcgt
                                                35
<210>
<211> 35
<212> DNA
<213> Artificial sequence
<220>
<223>
     Synthesized template strand for transcription
<400> 9
tattatgctg agtgatatcc ctccttctat ctcgt
                                                35
<210> 10
<211>
      28
<212> DNA
<213> Artificial sequence
<220>
<223>
      Designed primer for transcription
<400> 10
ataatcgact ctactatagg gaggaaga
                                                28
<210> 11
<211> 200
<212> RNA
<213> Artificial sequence
<220>
<223> RNA aptamer 9A
```

```
<400> 11
gggaguggag gaauucaucg aggcauaugu cgacuccguc uuccuucaaa ccaguuauaa
                                                                     60
auuqquuuua qcauauqccu uaqcqacaqc aaqcuucuqc gggaguggag gaauucaucg
                                                                    120
aggcauaugu cgacuccguc uuccuucaaa ccaguuauaa auugguuuua gcauaugccu
                                                                    180
uagcgacagc aagcuucugc
                                                                     200
<210> 12
<211>
      101
<212> RNA
<213> Artificial sequence
<220>
<223> RNA aptamer 2x9A
<400> 12
gggaguggag gaauucaucg aggcaucugg gaacccuauc uugcuuuugg uagcuguauu
                                                                     60
                                                                     101
caccuguaac agcauaugcc uuagcgacag caagcuucug c
<210> 13
<211>
      15
<212> RNA
<213> Artificial sequence
<220>
<223> Synthetic RNA 15-mer
<220>
<221> misc_feature
<222> (11)..(11)
<223> n is a, g, c, u, unknown or other
<400> 13
gggaggaaga nagag
                        15
<210> 14
<211> 17
<212> RNA
<213> Artificial sequence
<220>
<223> Synthetic RNA 17-mer
<220>
<221> misc_feature
<222>
      (11)...(11)
<223> n is a, g, c, u, unknown or other
<400> 14
gggaggaaga nagagca
                       17
```